

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Robert Arthur Sawhill, Jr.
Serial No. : 09/786,740
Filed : March 8, 2001
For : INTERFACE DEVICE BETWEEN TESTING
EQUIPMENT AND INTEGRATED CIRCUIT

PETITION
PURSUANT TO 37 C.F.R. §1.47(a)

I hereby certify that on the date set forth below that this paper is being deposited with the United States Postal Service "Express Mail Post Office To Addressee Service" in an envelope with sufficient postage addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on:

October 23, 2001

Date of Deposit

Paul A. Ragusa

Attorney Name

38,587

PTO Reg. No.



Signature

October 23, 2001

Date of Signature

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office mailed April 23, 2001, Applicant Robert A. Sawhill hereby petitions to file the above-identified Application No. 09/786,740 on behalf of himself and on behalf of joint inventor Mr. Paren Shah, who cannot be found. A Combined Declaration and Power of Attorney, appended hereto, has been signed by

Mr. Sawhill, who is the only available joint inventor, on behalf of himself and Mr. Shah.

The signature block of Mr. Shah has been left blank.

This Petition is accompanied by a Declaration of Robert A. Sawhill under 37 C.F.R. §1.47(a). The Declaration of Mr. Sawhill establishes that Mr. Sawhill has diligently attempted to contact Mr. Paren Shah in order to provide him with a copy of the present application and with a copy of the attached Combined Declaration and Power of Attorney for his signature. In particular, Mr. Sawhill has been unable to locate Mr. Shah because Mr. Shah is no longer employed with Spire Technologies and has not been in contact with any personnel of Spire Technologies. Mr. Sawhill heard from others in the field that Mr. Shah is presently located in California, but was unable to locate a precise address or other contact information for him. Therefore, on October 5, 2001 Mr. Sawhill sent a copy of the Combined Declaration and Power of Attorney and a letter requesting Mr. Shah's signature to Mr. Shah's last known address, 10 Rose Lane #01-01, Singapore 429076, via registered mail. The envelope was returned to Mr. Sawhill marked "UNDELIVERABLE."

Applicant Sawhill respectfully requests that this Petition be granted to file this application on behalf of Mr. Sawhill and Mr. Shah. This Petition is accompanied by a check in the amount of \$130.00 as required under 37 CFR § 1.47(a). The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication to Deposit Account No. 02-4377. A duplicate copy of this sheet is enclosed.

EXPRESS MAIL LABEL NO. EF321680871US

A34089 PCT USA - 069354.0101
PATENT

Respectfully submitted,

Dated: October 23, 2001



Ronald B. Hildreth
Patent Office Reg. No. 19,498

Paul A. Ragusa
Patent Office Reg. No. 38,587

BAKER BOTTS L.L.P.
30 Rockefeller Plaza
New York, New York 10112-0228

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee : Sawhill et al.
Serial No.: 09/786,740 Examiner: unassigned
Filed: 03/08/01 Art Unit: unassigned
For : INTERFACE DEVICE BETWEEN TESTING EQUIPMENT
AND INTEGRATED CIRCUIT

DECLARATION OF UNDER 37 C.F.R. § 1.47

I, Robert Sawhill, am an employee of Spire Technologies Pte. Ltd. and currently hold the position of Managing Director.

I have diligently attempted to contact Mr. Paren Shah in order to provide him with a copy of the present application and with a copy of the attached Combined Declaration and Power of Attorney for his signature.

I have been unable to locate Mr. Shah because he is no longer in contact with Spire Technologies or its personnel. His last known address is: 10 Rose Lane
#01-01 Singapore 429076. I have heard from others in the field that Mr. Shah is presently located in California, but I have been unable to locate a precise address or other contact information.

On OCT. 5, 01, I sent a copy of the Combined Declaration and a letter requesting Mr. Shah's signature to the above address via REGISTERED ARTICLE.

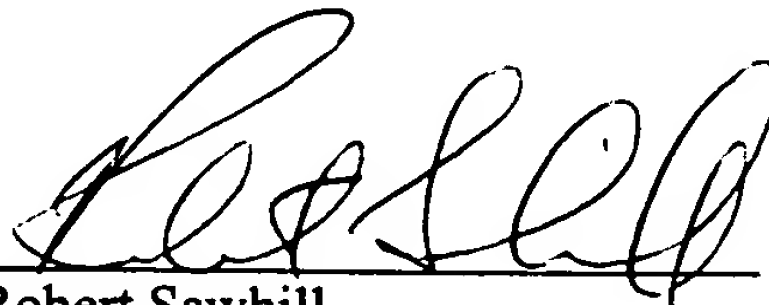
Delivery could not be effected and the envelope was returned with the marking UNDELIVERABLE. (See Exhibit A.)

No other means of contacting Mr. Shah is known . Therefore, I am unable to contact him to inform him of the present application and to request signature of the Combined Declaration.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent involved herein.

Date:

OCT. 17, '01



Robert Sawhill

Spire

EXHIBIT A

PAREN INDRAVADAN SHAH

10 ROSE LANE

#01-01

15 OCT 2001

Singapore 429076



4301
8/10/01

✓

28

UNDELIVERABLE

SPIRE TECHNOLOGIES PTE. LTD.

21 KALLANG AVENUE, #06-169/171, SINGAPORE 339412 TEL: (65) 391 5310 FAX: (65) 292 2661 E-mail: info@spire.com.sg

KATONG BRANCH 373 Tanjong Katong Road Singapore 437130 Tel: 3447899 Mon - Fri : 8.30am - 5.00pm Sat : 8.30am - 1.00pm	Beat No. <div style="border: 1px solid black; padding: 5px; text-align: center;">4301</div>	Date <div style="border: 1px solid black; padding: 5px; text-align: center;"> 10 OCT 2001 8/10/01 </div>
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REMINDER

REGISTERED ARTICLE DELIVERY RECEIPT

Please present this receipt when collecting the Registered Article from the Post Office.

Parade Inlet & Clear Shan *8/10/01*


10 ROSE LANE

#01-01

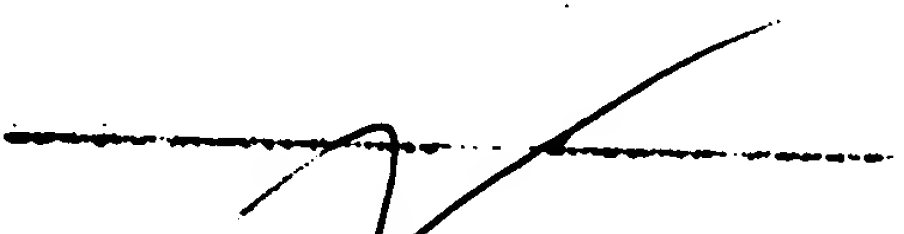
Singapore 429076

Sender: Joanne from Spire Technologies

SINGAPORE

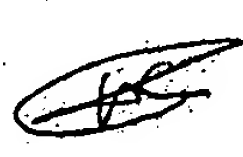
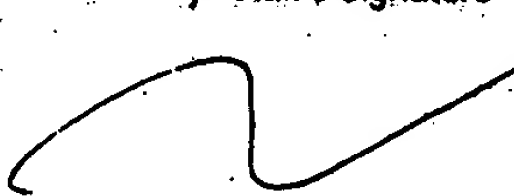
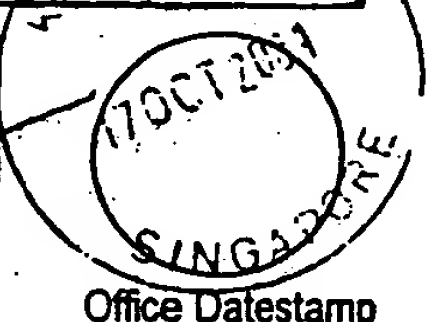


RR 025 010761 SG



UNDELIVERABLE

TAN HOON CHOW

Received By: Recipient's signature/Organisation's stamp (if applicable) <div style="text-align: center; margin-top: 20px;">  <p style="font-size: 2em; margin-top: 10px;"><i>7016957F</i></p> </div>	Delivered By: Staff's Signature <div style="text-align: center; margin-top: 20px;">  </div>	 <p style="font-size: 0.8em;">Office Datestamp</p>
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LLOYD WISE

18 OCT 2001

RECEIVED

Spire Technologies Pte Ltd

Block 21, Kallang Ave, #06-169/171, Singapore 339412. Tel: 391-5310, Fax: 292-2661

To: Paren Shah

October 5th, 2001

Paren,

I have been trying to get a hold of you about the US Patent Application No.09/786/740. Please find the enclosed application for you to sign. If you receive this, please give me a call at the office immediately so we can arrange to pick it up as we need to get this into the US office ASAP.

Best Regards,

Robert Sawhill
Managing Director

**COMBINED DECLARATION
AND POWER OF ATTORNEY**

(Original, Design, National Stage of PCT, Divisional, Continuation or C-I-P Application)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

INTERFACE DEVICE BETWEEN TESTING EQUIPMENT AND INTEGRATED CIRCUIT

This declaration is of the following type:

- ☐ original
- ☐ design
- ☒ national stage of PCT.
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part (C-I-P)

the specification of which: *(complete (a), (b), or (c))*

(a) ☐ is attached hereto.

(b) ☒ was filed on March 8, 2001 as Application Serial No. 09/786,740 and was amended on *(if applicable)*.

(c) ☐ was described and claimed in PCT International Application No. filed on and was amended on *(if applicable)*.

Acknowledgement of Review of Papers and Duty of Candor

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the subject matter claimed in this application in accordance with Title 37, Code of Federal Regulations § 1.56.

☐ In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.98.

Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT International Application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International Application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application on which priority is claimed

(complete (d) or (e))

(d) ☐ no such applications have been filed.

(e) ☒ such applications have been filed as follows:

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION			
COUNTRY	APPLICATION NO.	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
			PRIORITY CLAIMED UNDER 35 USC 119 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>
			<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>
			<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>
ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION			
International	PCT/SG98/00068	9 SEPT 1998	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>
			<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>
			<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>

Claim for Benefit of Prior U.S. Provisional Application(s)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date

Claim for Benefit of Earlier U.S./PCT Application(s) under 35 U.S.C. 120

(complete this part only if this is a divisional, continuation or C-I-P application)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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Power of Attorney


As a named inventor, I hereby appoint Dana M. Raymond, Reg. No. 18,540; Frederick C. Carver, Reg. No. 17,021; Francis J. Hone, Reg. No. 18,662; Joseph D. Garon, Reg. No. 20,420; Arthur S. Tenser, Reg. No. 18,839; Ronald B. Hildreth, Reg. No. 19,498; Thomas R. Nesbitt, Jr., Reg. No. 22,075; Robert Neuner, Reg. No. 24,316; Richard G. Berkley, Reg. No. 25,465; Richard S. Clark, Reg. No. 26,154; Bradley B. Geist, Reg. No. 27,551; James J. Maune, Reg. No. 26,946; John D. Murnane, Reg. No. 29,836; Henry Tang, Reg. No. 29,705; Robert C. Scheinfeld, Reg. No. 31,300; John A. Fogarty, Jr., Reg. No. 22,348; Louis S. Sorell, Reg. No. 32,439; Rochelle K. Seide Reg. No. 32,300; Gary M. Butter, Reg. No. 33,841; Marta E. Delsignore, Reg. No. 32,689; and Lisa B. Kole, Reg. No. 35,225 of the firm of BAKER BOTTS L.L.P., with offices at 30 Rockefeller Plaza, New York, New York 10112, as attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith

SEND CORRESPONDENCE TO:
BAKER BOTTS L.L.P.
30 ROCKEFELLER PLAZA, NEW YORK, N.Y. 10112
CUSTOMER NUMBER: 21003

DIRECT TELEPHONE CALLS TO:
BAKER BOTTS L.L.P.
(212) 705-5000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge

that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	LAST NAME SAWHILL	FIRST NAME ROBERT	MIDDLE NAME ARTHUR	
RESIDENCE & CITIZENSHIP	CITY SINGAPORE	STATE or FOREIGN COUNTRY SINGAPORE	COUNTRY OF CITIZENSHIP UNITED STATES	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2 Hillview Way	CITY Singapore	STATE or COUNTRY Singapore	ZIP CODE 669173
DATE Oct. 5, 2001	SIGNATURE OF INVENTOR 			
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	LAST NAME SHAH	FIRST NAME PAREN	MIDDLE NAME INDRAVADAN	
RESIDENCE & CITIZENSHIP	CITY Singapore	STATE or FOREIGN COUNTRY Singapore	COUNTRY OF CITIZENSHIP INDIA	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 10 Rose Lane #01-01	CITY Singapore	STATE or COUNTRY SINGAPORE	ZIP CODE 429076
DATE	SIGNATURE OF INVENTOR			
FULL NAME OF THIRD JOINT INVENTOR, IF ANY	LAST NAME	FIRST NAME	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE or COUNTRY	ZIP CODE
DATE	SIGNATURE OF INVENTOR			
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	LAST NAME	FIRST NAME	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE or COUNTRY	ZIP CODE
DATE	SIGNATURE OF INVENTOR			
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	LAST NAME	FIRST NAME	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE or COUNTRY	ZIP CODE
DATE	SIGNATURE OF INVENTOR			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	LAST NAME	FIRST NAME	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE or COUNTRY	ZIP CODE
DATE	SIGNATURE OF INVENTOR			

FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	LAST NAME	FIRST NAME	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE or COUNTRY	ZIP CODE
DATE	SIGNATURE OF INVENTOR			

Check proper box(es) for any added page(s) forming a part of this declaration

- ☐ Signature for ninth and subsequent joint inventors. Number of pages added _____.
- ☐ Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor.
Number of pages added _____.
- ☐ Signature for inventor who refuses to sign, or cannot be reached, by person authorized under 37 CFR 1.47.
Number of pages added _____.

A S S I G N M E N T

WHEREAS, WE, ROBERT ARTHUR SAWHILL, JR. and PAREN INDRAVADAN SHAH, citizens of The United States of America and India, respectively, residing in Singapore whose post office addresses are 2 Hillview Way, Singapore 669173, Singapore and 10 Rose Lane #01-01, Singapore 429076, Singapore, respectively, have made an invention entitled "INTERFACE DEVICE BETWEEN TESTING EQUIPMENT AND INTEGRATED CIRCUIT" as set forth and described in application for Letters Patent of the United States, Serial No. 09/786,740, filed March 8, 2001; and

WHEREAS, SPIRE TECHNOLOGIES PTE LTD, a corporation organized and existing under the laws of Singapore, and having an office for the transaction of business at 21, Kallang Avenue #06-169/171, Singapore 339412, Singapore, is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said ROBERT ARTHUR SAWHILL, JR. and PAREN INDRAVADAN SHAH, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said SPIRE TECHNOLOGIES PTE LTD, and other valuable considerations unto us moving from said SPIRE TECHNOLOGIES PTE LTD, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said SPIRE TECHNOLOGIES PTE LTD, its successors and assigns, the entire right, title and interest in and to the said invention entitled "INTERFACE DEVICE BETWEEN TESTING EQUIPMENT AND INTEGRATED CIRCUIT" as set forth and described in application for Letters Patent of the United States, Serial No. 09/786,740, filed March 8, 2001, and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said ROBERT ARTHUR SAWHILL, JR. and PAREN INDRAVADAN SHAH, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said SPIRE TECHNOLOGIES PTE LTD, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said SPIRE TECHNOLOGIES PTE LTD, its successors and assigns;

AND WE, the said ROBERT ARTHUR SAWHILL, JR. and PAREN INDRAVADAN SHAH, for the considerations aforesaid, do hereby covenant and agree to and with said SPIRE TECHNOLOGIES PTE LTD, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said SPIRE TECHNOLOGIES PTE LTD, its successors and assigns, may be required or necessary more effectively to secure to and vest in said SPIRE TECHNOLOGIES PTE LTD, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

Subscribed and executed at SPIRE TECHNOLOGIES PTE. LTD.
(Place)

on JUNE 6, '01.
(Date)

Witness: TAN KOK TONG
(Type Name)


ROBERT ARTHUR SAWHILL, JR.

Witness: _____
(Type Name)

Subscribed and executed at _____
(Place)

on _____
(Date)

Witness: _____
(Type Name)

Witness: _____
(Type Name)

PAREN INDRAVADAN SHAH

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